

ABSTRACT OF THE DISCLOSURE

A sputtering power-supply unit comprises a voltage generation section which generates a sputtering voltage between a negative electrode output terminal and a positive electrode output terminal, and a circuit section which reduces fluctuation in a sputtering current even if an arc discharge occurs between the negative electrode output terminal and the positive electrode output terminal. Thus, fluctuation in the sputtering current can be reduced even if the arc discharge occurs between the negative electrode output terminal and the positive electrode output terminal.